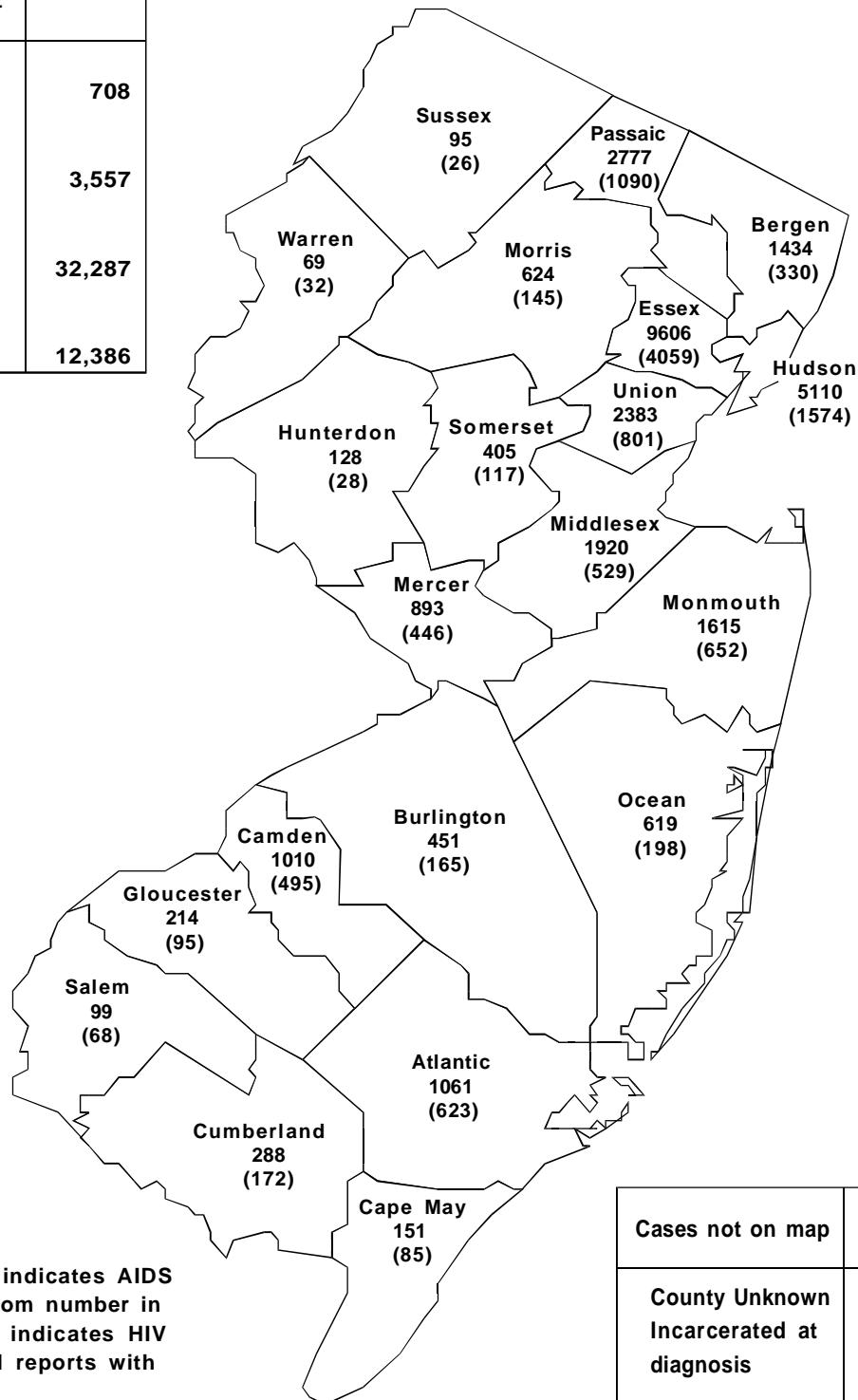


NEW JERSEY HIV/AIDS CASES

Reported as of December 31, 1996

HIV/AIDS Report Summary	
Current Quarter Increase-AIDS	708
Current Year Increase-AIDS	3,557
Cumulative Total AIDS	32,287
Cumulative Total HIV+ Only	12,386



Note: Top number indicates AIDS reports. Bottom number in parentheses indicates HIV unduplicated reports with identifiers.

Cases not on map	AIDS	HIV
County Unknown	37	46
Incarcerated at diagnosis	1,298	610

**Table 1. New Jersey AIDS Cases Reported January 1996-December 1996
and Cumulative Totals as of December 31, 1996
Age at Diagnosis, by Sex**

Age Group	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Age Group Totals
	Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
Under 5	20	1%	260	1%	17	2%	243	3%	37	1%	503	2%	48%
5-12	8	0%	71	0%	3	0%	81	1%	11	0%	152	0%	53%
13-19	13	1%	89	0%	9	1%	51	1%	22	1%	140	0%	36%
20-29	231	9%	3,142	13%	164	15%	1,658	19%	395	11%	4,800	15%	35%
30-39	1,046	42%	11,002	47%	512	48%	4,289	49%	1,558	44%	15,291	47%	28%
40-49	911	36%	6,630	28%	298	28%	1,755	20%	1,209	34%	8,385	26%	21%
Over 49	271	11%	2,418	10%	72	7%	598	7%	343	10%	3,016	9%	20%
Total	2,500	100%	23,612	100%	1,075	100%	8,675	100%	3,575	100%	32,287	100%	27%

**Table 2. AIDS Cases by State of Residence
Reported to CDC as of December 31, 1996**

STATE OF RESIDENCE	CUMULATIVE TOTAL SINCE JUNE 1981					
	Adult/Adolescent		Children		Total	
	No.	(%)	No.	(%)	No.	(%)
New York	104,961	18%	1,936	25%	106,897	18%
California	97,623	17%	534	7%	98,157	17%
Florida	57,678	10%	1,233	16%	58,911	10%
Texas	39,572	7%	299	4%	39,871	7%
New Jersey	32,256	6%	670	9%	32,926	6%
Puerto Rico	18,230	3%	353	5%	18,583	3%
Illinois	18,355	3%	216	3%	18,571	3%
Pennsylvania	17,190	3%	233	3%	17,423	3%
Georgia	16,829	3%	175	2%	17,004	3%
Maryland	15,037	3%	261	3%	15,298	3%
Remainder of US	156,069	27%	1,719	23%	157,788	27%
Total	573,800	100%	7,629	100%	581,429	100%

**Table 3. New Jersey Pediatric (1) AIDS Cases by Mode of Transmission
Data as of December 31, 1996**

Mode of Transmission (2)	MALE		FEMALE		TOTAL	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	11	3%	0	0%	11	2%
Mother With/At Risk of AIDS (3)	309	93%	306	94%	615	94%
Transfusion/Blood Components	9	3%	9	3%	18	3%
Other/Unknown	2	1%	9	3%	11	2%
Total	331	100%	324	100%	655	100%

(1) Includes all patients under 13 years of age at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from an infected mother to her fetus or infant during the perinatal period.

**Table 4. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1996-December 1996
and Cumulative Totals as of December 31, 1996
Mode of Transmission by Sex**

Mode of Transmission (2)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1996-Dec. 1996		Cumulative Total		Jan. 1996-Dec. 1996		Cumulative Total		Jan. 1996-Dec. 1996		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (3)	582	24%	6,799	29%	0	0%	0	0%	582	17%	6,799	21%	0%
IDU (3)	1,008	41%	11,454	49%	378	36%	4,335	52%	1,386	39%	15,789	50%	27%
MSM/IDU	85	3%	1,297	6%	0	0%	0	0%	85	2%	1,297	4%	0%
Hemophilia	12	0%	160	1%	0	0%	2	0%	12	0%	162	1%	1%
Heterosexual	207	8%	1,194	5%	360	34%	2,681	32%	567	16%	3,875	12%	69%
Transfusion	10	0%	199	1%	24	2%	214	3%	34	1%	413	1%	52%
Other/Unknown	568	23%	2,178	9%	293	28%	1,119	13%	861	24%	3,297	10%	34%
Total	2,472	100%	23,281	100%	1,055	100%	8,351	100%	3,527	100%	31,632	100%	26%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) MSM = Male sex with male. IDU = Injection drug use.

**Table 5. New Jersey Adult/Adolescent (1) AIDS Cases Reported January 1996-December 1996
and Cumulative Totals as of December 31, 1996
Adjusted (2) Mode of Transmission by Sex**

Mode of Transmission (3)	MALE				FEMALE				TOTAL				Females as Percent of Cumulative Transmission Mode Totals
	Jan. 1996-Dec. 1996		Cumulative Total		Jan. 1996-Dec. 1996		Cumulative Total		Jan. 1996-Dec. 1996		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
MSM (4)	845	34%	7,807	34%	0	0%	0	0%	845	24%	7,807	25%	0%
IDU (4)	1,195	48%	12,171	52%	463	44%	4,662	56%	1,658	47%	16,833	53%	28%
MSM/IDU	107	4%	1,381	6%	0	0%	0	0%	107	3%	1,381	4%	0%
Heterosexual	273	11%	1,447	6%	534	51%	3,350	40%	807	23%	4,797	15%	70%
Blood Related	36	1%	412	2%	45	4%	298	4%	81	2%	710	2%	42%
Others	16	1%	63	0%	12	1%	40	0%	28	1%	103	0%	39%
Total (2)	2,472	100%	23,281	100%	1,055	100%	8,351	100%	3,527	100%	31,632	100%	26%

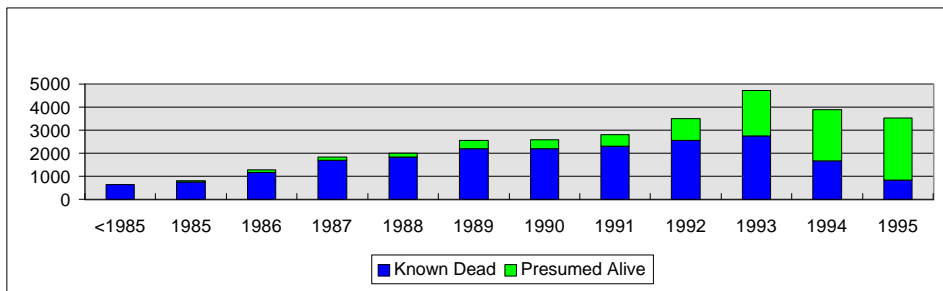
(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted modes of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) MSM = Male sex with male. IDU = Injection drug use.

**Figure 1. New Jersey AIDS Cases as of December 31, 1996
Mortality Status by Year of Diagnosis**



**Table 6. New Jersey Adult/Adolescent (1) AIDS Cases
Mode of Transmission by Sex and Racial/Ethnic Group,
Cumulative Data as of December 31, 1996**

Mode of Transmission (2)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	3,575	48%	2,122	18%	1,056	27%	0	0%	0	0%	0	0%
IDU	2,487	33%	7,011	59%	1,931	50%	889	52%	2,971	55%	463	39%
MSM/IDU	400	5%	675	6%	217	6%	0	0%	0	0%	0	0%
Hemophilia	111	1%	26	0%	20	1%	2	0%	0	0%	0	0%
Heterosexual	224	3%	717	6%	243	6%	510	30%	1,634	30%	525	44%
Transfusion	124	2%	49	0%	21	1%	90	5%	90	2%	29	2%
Other/Unknown	506	7%	1,223	10%	413	11%	213	13%	718	13%	177	15%
Total	7,427	100%	11,823	100%	3,901	100%	1,704	100%	5,413	100%	1,194	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Table 7. New Jersey Adult/Adolescent (1) AIDS Cases
Adjusted (2) Mode of Transmission by Sex and Racial/Ethnic Group
Cumulative Data as of December 31, 1996**

Mode of Transmission (3)	MALE						FEMALE					
	White		Black		Hispanic		White		Black		Hispanic	
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
MSM	3,870	52%	2,536	21%	1,196	31%	0	0%	0	0%	0	0%
IDU	2,590	35%	7,567	64%	2,119	54%	935	55%	3,235	60%	528	44%
MSM/IDU	416	6%	730	6%	236	6%	0	0%	0	0%	0	0%
Heterosexual	274	4%	880	7%	298	8%	640	38%	2,054	38%	628	53%
Blood Related	253	3%	90	1%	47	1%	115	7%	117	2%	36	3%
Others	24	0%	20	0%	5	0%	14	1%	7	0%	2	0%
Total (2)	7,427	100%	11,823	100%	3,901	100%	1,704	100%	5,413	100%	1,194	100%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the groups listed first.

**Figure 2. New Jersey Cumulative AIDS Cases as of December 31, 1996
Cases By Year of Report**

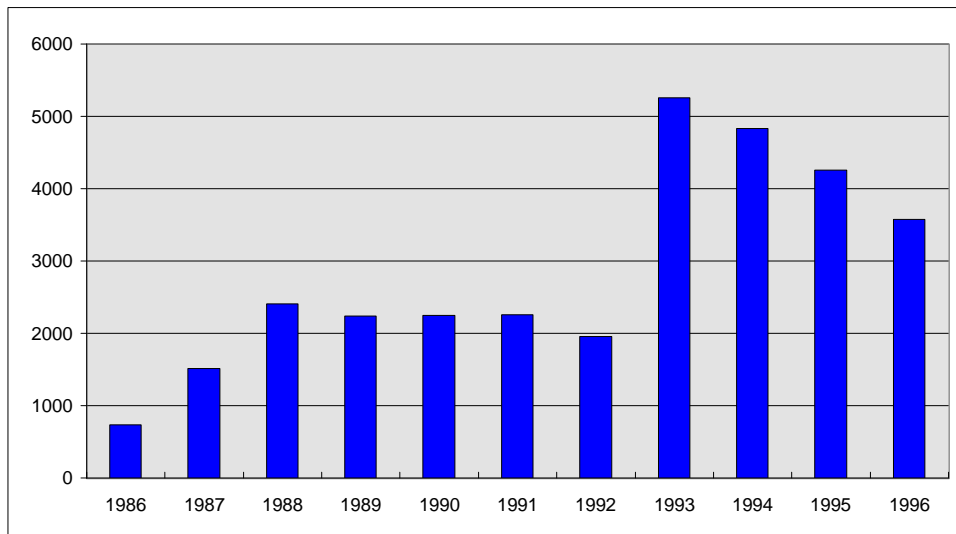


Table 8. New Jersey AIDS Cases Reported January 1996-December 1996
Racial/Ethnic Group by Sex, and Cumulative Totals
Data as of December 31, 1996

Adults/ Adolescents (1)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	658	27%	7,427	32%	189	18%	1,704	20%	847	24%	9,131	29%	19%
Black	1,333	54%	11,823	51%	701	66%	5,413	65%	2,034	58%	17,236	54%	31%
Hispanic	461	19%	3,901	17%	160	15%	1,194	14%	621	18%	5,095	16%	23%
Asian/Pac. Isl.	14	1%	75	0%	4	0%	29	0%	18	1%	104	0%	28%
Other/Unknown	6	0%	55	0%	1	0%	11	0%	7	0%	66	0%	17%
Subtotal	2,472	100%	23,281	100%	1,055	100%	8,351	100%	3,527	100%	31,632	100%	26%
Known Dead	385	16%	15,401	66%	133	13%	4,943	59%	518	15%	20,344	64%	24%
Children (2)	MALE				FEMALE				TOTAL				Females as % of Cumulative Racial/Ethnic Group Totals
	Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		Jan. 1996- Dec. 1996		Cumulative Total		
	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	
White	5	18%	57	17%	2	10%	53	16%	7	15%	110	17%	48%
Black	18	64%	209	63%	15	75%	214	66%	33	69%	423	65%	51%
Hispanic	5	18%	64	19%	3	15%	55	17%	8	17%	119	18%	46%
Asian/Pac. Isl.	0	0%	1	0%	0	0%	1	0%	0	0%	2	0%	50%
Other/Unknown	0	0%	0	0%	0	0%	1	0%	0	0%	1	0%	100%
Subtotal	28	100%	331	100%	20	100%	324	100%	48	100%	655	100%	49%
Known Dead	6	21%	204	62%	0	0%	201	62%	6	13%	405	62%	50%
Total Known Dead	391	16%	15,605	66%	133	12%	5,144	59%	524	15%	20,749	64%	25%

(1) Includes all patients 13 years of age or older at time of diagnosis.

(2) Includes all patients under 13 years of age at time of diagnosis.

Table 9. HIV Reports Received Through December 31, 1996

Anonymous Reports	1,187	
Unduplicated Reports with Identifiers	<u>20,343</u>	
Total Number of Reports	21,530	
Reports with Identifiers		20,343
Out of State Reports	305	
Missing Data/Under Investigation	44	
Changed to AIDS Classification	<u>7,608</u>	
		<u>7,957</u>
Number HIV Reports Included in Tables		12,386

**Table 10. Persons Living with HIV Infection (not AIDS) and with AIDS, by New Jersey County
Cumulative Data as of December 31, 1996**

	Living with HIV (not AIDS)		Living with AIDS		Total	
County of Residence	No.	(%)	No.	(%)	No.	(%)
Atlantic	590	5%	480	4%	1,070	5%
Bergen	309	3%	466	4%	775	3%
Burlington	152	1%	145	1%	297	1%
Camden	474	4%	377	3%	851	4%
Cape May	80	1%	76	1%	156	1%
Cumberland	167	1%	128	1%	295	1%
Essex	3,682	32%	3,301	29%	6,983	30%
Gloucester	91	1%	63	1%	154	1%
Hudson	1,462	13%	1,802	16%	3,264	14%
Hunterdon	25	0%	49	0%	74	0%
Mercer	412	4%	361	3%	773	3%
Middlesex	500	4%	672	6%	1,172	5%
Monmouth	598	5%	570	5%	1,168	5%
Morris	138	1%	232	2%	370	2%
Ocean	171	1%	205	2%	376	2%
Passaic	1,012	9%	995	9%	2,007	9%
Salem	66	1%	38	0%	104	0%
Somerset	111	1%	158	1%	269	1%
Sussex	25	0%	32	0%	57	0%
Union	761	7%	877	8%	1,638	7%
Warren	30	0%	29	0%	59	0%
Incarcerated	586	5%	448	4%	1,034	4%
Unknown County	42	0%	34	0%	76	0%
Total	11,484	100%	11,538	100%	23,022	100%

**Table 11. New Jersey HIV Reports With Identifiers
Pediatric Reports (1), Distribution of Mode Of Transmission (2)
Data as of December 31, 1996**

Mode of Transmission	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Hemophilia/Coagulation Disorder	1	0%	0	0%	1	0%
Mother With/At Risk of AIDS (3)	441	97%	426	98%	867	98%
Transfusion, Blood Components	1	0%	4	1%	5	1%
Other/Unknown	10	2%	5	1%	15	2%
Total	453	100%	435	100%	888	100%

(1) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(2) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(3) Epidemiologic data suggest transmission from infected mother to her fetus or infant during the perinatal period.

New Jersey HIV Reports with Identifiers
Data as of December 31, 1996

Table 12. Racial/Ethnic Group by Sex

Race/Ethnicity	Adults/Adolescents (1)						Females as % of row total	Children (2)						Females as % of row total
	Male		Female		Total			Male		Female		Total		
	No.	(%)	No.	(%)	No.	(%)		No.	(%)	No.	(%)	No.	(%)	
White	1,464	21%	757	17%	2,221	19%	34%	52	11%	54	12%	106	12%	51%
Black	3,973	57%	2,886	64%	6,859	60%	42%	305	67%	302	69%	607	68%	50%
Hispanic	1,422	20%	745	17%	2,167	19%	34%	91	20%	76	17%	167	19%	46%
Other/Unknown	164	2%	87	2%	251	2%	35%	5	1%	3	1%	8	1%	38%
Total	7,023	100%	4,475	100%	11,498	100%	39%	453	100%	435	100%	888	100%	49%

Table 13. Adult/Adolescent Reports, Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							Mode Total
MSM	1,374	20%	0	0%	1,374	12%	0%
IDU	3,052	43%	1,685	38%	4,737	41%	36%
MSM/IDU	305	4%	0	0%	305	3%	0%
Hemophilia	25	0%	0	0%	25	0%	0%
Heterosexual	552	8%	1,336	30%	1,888	16%	71%
Transfusion	23	0%	58	1%	81	1%	72%
Other/Unknown	1,692	24%	1,396	31%	3,088	27%	45%
Total	7,023	100%	4,475	100%	11,498	100%	39%

Table 14. Adult/Adolescent Reports, Adjusted (4) Distribution of Mode of Transmission

Mode of Transmission (3)	Male		Female		Total		Females as % of Transmission
	No.	(%)	No.	(%)	No.	(%)	
Adults/Adolescents (1)							Mode Total
MSM	2,163	31%	0	0%	2,163	19%	0%
IDU	3,613	51%	2,095	47%	5,708	50%	37%
MSM/IDU	371	5%	0	0%	371	3%	0%
Heterosexual	750	11%	2,175	49%	2,925	25%	74%
Blood Related	125	2%	205	5%	330	3%	62%
Total (4)	7,023	100%	4,475	100%	11,498	100%	39%

Table 15. Age at Diagnosis of HIV Infection

Age Group	Male		Female		Total	
	No.	(%)	No.	(%)	No.	(%)
Under 5	429	6%	409	8%	838	7%
5-12	24	0%	26	1%	50	0%
13-19	76	1%	149	3%	225	2%
20-29	1,601	21%	1,486	30%	3,087	25%
30-39	3,174	42%	2,025	41%	5,199	42%
40-49	1,680	22%	629	13%	2,309	19%
50-59	379	5%	144	3%	523	4%
Over 60	110	1%	41	1%	151	1%
Unknown	3	0%	1	0%	4	0%
Total	7,476	100%	4,910	100%	12,386	100%

(1) Includes all patients 13 years of age or older at time of the first positive HIV confirmatory test.

(2) Includes all patients under 13 years of age at time of the first positive HIV confirmatory test. Some of these children tested positive by the anti-HIV antibodies may serorevert (become non-reactive to HIV antibodies test).

(3) Cases with more than one risk factor, other than the combinations listed in the tables, are tabulated only in the group listed first.

(4) See page 8 for an explanation of adjusted mode of transmission. Totals may not add up due to rounding.

1996 SUMMARY

There were 3,575 new reports of AIDS among New Jersey residents in 1996, resulting in a net increase of 3,557 AIDS cases. The cumulative total of 32,287 is adjusted for duplicate deletion, misclassified patients, etc., resulting in this difference. We had expected about 3,600 new reports to be added this year. Given advances in treatment, the number of persons being newly reported with AIDS is expected to decrease slightly. However, the number of persons living with HIV, whether diagnosed as AIDS or not, will continue to increase.

There were 3,209 new reports of HIV infection among New Jersey residents. After adjusting for those who were reclassified as meeting AIDS criteria, there are 12,386 cumulative reports for HIV infection persons, in addition to the 32,287 cumulative AIDS cases. Looking at both HIV and AIDS reports, we know of 23,022 persons (11,583 living AIDS patients and 11,484 additional HIV infected persons) living with HIV in New Jersey.

Over twenty-nine percent of the new AIDS reports for those over 12 years of age in 1996 were of females. Overall, 26% of cumulative adult/adolescent reports in New Jersey have been of women, which remains the highest proportion in the country. Approximately 95% of the 48 new pediatric reports were of children thought to be infected through maternal transmission. We remain the State with the third highest total of pediatric AIDS.

Several tables (Tables 5, 7, and 14) reflect **adjustments** in reported transmission categories. These adjustments are necessary because of the continuing increase in reports submitted with no indication of HIV exposure. In the adjusted tables, reports received with unknown risk are reallocated to other categories, based on field investigations of unknown and selected other risks. The proportions in the corresponding standard tables (Tables 4, 6, and 13) can be misleading due to the larger numbers of unreported transmission categories. The adjusted tables provide a better picture of actual transmission patterns and provide information for prevention and education efforts. Because of small cell sizes and unstable estimates, the Hemophilia and Transfusion categories in the adjusted tables are combined into the Blood Related category.